

## WA-12 Monthly CCF Water Allocation Calculator

CIMIS Station #44 Reference 15 year average ET <sub>0</sub> (2004-2018) in inches / month <sup>1</sup>												
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
	2.61	2.92	4.66	5.68	6.42	7.02	7.47	7.17	5.7	4.07	2.89	2.29
<sup>2</sup> K <sub>c</sub> for citrus, avocado, fruit and nut trees, and nursery stock	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
ET <sub>crop</sub> (CCF/acre/mo)	65.37	73.14	116.72	142.27	160.80	175.83	187.10	179.59	142.77	101.94	72.39	57.36
Irrigated Area in acres (IA)												
<b>Monthly CCF allocation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>2</sup> K <sub>c</sub> for grape vines and row crops	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
ET <sub>crop</sub> (CCF/acre/mo)	50.21	56.18	89.65	109.28	123.51	135.06	143.72	137.94	109.66	78.30	55.60	44.06
Irrigated Area in acres (IA)												
<b>Monthly CCF allocation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>2</sup> K <sub>c</sub> for pasture with livestock	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
ET <sub>crop</sub> (CCF/acre/mo)	84.32	94.34	150.55	183.50	207.41	226.80	241.33	231.64	184.15	131.49	93.37	73.98
Irrigated Area in acres (IA)												
<b>Monthly CCF allocation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<sup>2</sup> K <sub>c</sub> for immature trees	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
ET <sub>crop</sub> (CCF/acre/mo)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Irrigated Area in acres (IA)												
<b>Monthly CCF allocation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Monthly AWA</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>1</sup> The rolling 15 year average will be updated annually

<sup>2</sup> K<sub>c</sub> factors were derived from the Irrigation Training & Research Center (ITRC) California Evapotranspiration Database developed by California Polytechnic State University San Luis Obispo for CIMIS Zone 6, average values from irrigation design and water balance conditions for drip, spray and surface irrigation techniques.

### WA-12 Monthly CCF Allocation Formula

$$AWA = ET(o) \times K_c \times IA \times 36.3$$

AWA = Agricultural Water Allocation in CCF per month, per customer